

ABSTRACT OF THE DISCLOSURE

Color caching method used in color matching processing has advantages and disadvantages, and the processing efficiency depends upon an image to be processed. In view of this, color matching calculation and caching for uniquely determining an output color corresponding to an input color are employed to calculate a hit rate per unit block at a checkpoint block when performing color matching processing in block unit having a predetermined pixel size. Based on the calculated hit rate, a caching method to be applied to a block subsequent to the checkpoint block is determined.

15